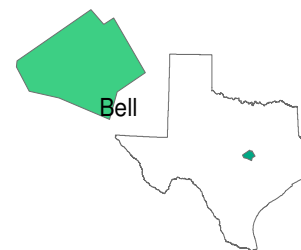


# Texas Cardiovascular Health & Wellness Program

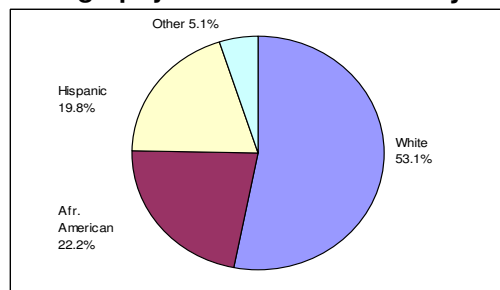
## Texas Department of State Health Services



### Cardiovascular Health Facts 1999-2006

#### Texas Bell County

#### Demography of Texas Bell County in 2006



#### Demographics

Age	Total	Males	Females	Percent
0-17	74,129	37,871	36,258	28.63%
18-29	53,007	28,086	24,921	20.47%
30-34	22,894	12,090	10,804	8.84%
35-64	86,930	43,111	43,819	33.57%
65+	21,993	9,261	12,732	8.49%
<b>Total</b>	<b>258,953</b>	<b>130,419</b>	<b>128,534</b>	<b>28.63%</b>

#### Prevalence of Cardiovascular Disease(CVD) and Stroke Among Adults<sup>1</sup> (18+ years) 1999, 2001, 2003, 2005, 2006

	Prevalence % of CVD		Prevalence % Heart Disease		Prevalence % Stroke	
	Texas (2006)	Bell County	Texas (2006)	Bell County	Texas (2006)	Bell County
<b>Total</b>	8.3	5.9	6.6	5.0	2.6	2.0
<b>Male</b>	8.4	8.2	6.9	7.3	2.3	2.6
<b>Female</b>	8.2	3.4	6.3	2.5	2.9	1.2
<b>White</b>	9.6	6.8	7.8	6.6	2.6	0.4
<b>African American</b>	8.1	*	5.2	*	3.6	*
<b>Hispanic</b>	6.2	*	4.6	*	2.5	*

#### CVD and Stroke Age-adjusted Mortality Rates<sup>2</sup> (per 100,000) 2001-2004

	CVD (TX 334.7)		Heart Disease (TX 250.5)		Stroke (TX 62.5)	
	Deaths	Rates	Deaths	Rates	Deaths	Rates
<b>Total</b>	2,282	329.7	1,802	260.1	359	51.8
<b>Male</b>	1,078	372.7	890	307.4	142	49.1
<b>Female</b>	1,204	294.6	912	223.3	217	53.1
<b>White</b>	1,879	329	1,500	262.6	283	49.6
<b>African American</b>	259	367.1	199	281.8	41	55.7
<b>Hispanic</b>	144	270.1	103	194.6	35	63.6

#### Hospital Discharges 2005

	Charges (\$)	Texas EMS/Trauma Registry Data <sup>4</sup> 2004 for Bell County	
		Time (in Minutes) for CVD	Time (in Minutes) for Stroke
<b>Ischemic Heart Disease</b>	33,533,410	Response Time = (Call Received Time - Time EMS Arrived on Scene) 6.4	6.3
<b>Hemorrhagic Stroke</b>	2,102,579	Scene Time = (Time EMS Arrived on Scene - Time EMS Departed Scene) 20.7	20.3
<b>Ischemic Stroke</b>	5,916,554	Transport Time = (Time EMS Departed Scene - Time EMS Arrived at Destination). 17.0	18.0
<b>Congestive Heart Failure</b>	14,333,324	Delivery Time = (Call Received Time - Time EMS Arrived at Destination) 43.9	45.5

<sup>1</sup>1999-2006 Texas Behavioral Risk Factor Surveillance System, Statewide BRFSS Survey, for Respondents 18 years and older who report that they have been diagnosed as having had a Heart Attack, Myocardial Infarction, Angina, Coronary Heart Disease, or Stroke.

<sup>2</sup>1999-2004 Texas Department of State Health Services Vital Statistics. Mortality due to CVD was defined as the (ICD-10 Code I00-I99; Heart Disease: I00-I09, I11, I13, I20-I51; Stroke: I60-I69) cause of death.

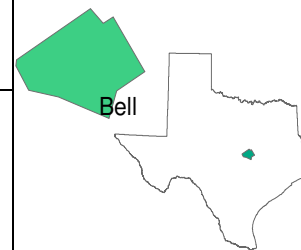
<sup>3</sup>2005 Texas Health Care Information Council, Inpatient Hospital Discharge Public Use File, for persons all ages. Ischemic heart disease (ICD-9 Code 410-414); Hemorrhagic Stroke (ICD-9 Code 430-432); Ischemic Stroke (ICD-9 Code 436-438,433,434); Congestive Heart Failure (ICD-9 Code 428).

<sup>4</sup>Texas EMS/Trauma Registry Data Selected in 2004. the selection criteria as:

- Calls received during 2004
- Suspected Illness Types include Cardiac Arrest, Cardiac Rhythm Disturbance, and Chest Pain/Discomfort
- Medical-related calls only (i.e. calls exclusively related to trauma were excluded)
- 911 calls only (no inter-facility transfers)
- Texas residents only

# Texas Cardiovascular Health & Wellness Program

## Texas Department of State Health Services



### Cardiovascular Health Facts 2001-2006

#### Texas Bell County

#### Prevalence of CVD Risk Factors in 2001- 2006

Diabetes	Texas % (2006)	Bell County %
Total	8.0	7.7
Gender		
Male	8.0	7.1
Female	7.9	8.4
Current Smoker	Texas % (2006)	Bell County %
Total	17.9	31.8
Gender		
Male	20.5	36.4
Female	15.4	27.1
Obesity	Texas % (2006)	Bell County %
Total	26.1	25.9
Gender		
Male	26.5	25.5
Female	25.6	26.3

High Blood Cholesterol	Texas % (2005)	Bell County %
Total	34.0	23.7
Gender		
Male	32.8	25.0
Female	35.1	22.3
High Blood Pressure	Texas % (2005)	Bell County %
Total	24.5	20.0
Gender		
Male	24.2	19.2
Female	24.8	20.9
No Leisure Time Physical Activity	Texas % (2006)	Bell County %
Total	28.4	26.7
Gender		
Male	25.8	18.0
Female	31.0	35.6

#### Recognition of CVD Symptoms<sup>1</sup>, Texas BRFSS, 2001, 2003, 2005

Heart Attack	%	Stroke	%
Pain or discomfort in jaw, neck or back	51.7	Sudden confusion or trouble speaking	83.3
Feeling weak, lightheaded, or faint	58.7	Sudden numbness or weakness of face, arms, legs (especially on one side)	90.2
Chest pain or discomfort	91.1	Sudden trouble seeing in one or both eyes	60.7
Pain or discomfort in the arms or shoulders	80.9	Sudden trouble walking, dizziness, or loss of balance	84.2
Shortness of breath	88.5	Severe headache with no known cause	67.1
Recognizes all heart attack symptoms	12.3	Recognizes all stroke symptoms	19.1
Would call 911 as a first response if Heart Attack OR Stroke is suspected			87.1

#### Heart and Stroke Healthy City Recognition Community Indicators (city of Temple)

**M**=Indicator Met , **P**=Indicator Partially Met , **N**=Indicator Not Met

1. **M** Cardiovascular disease and stroke ongoing public information campaigns are provided in the community.
2. **M** Physical activity areas are designated, safe, and accessible and promoted.
3. **M** Healthy food options are accessible and promoted.
4. **P** Public schools (grades K-8) comply with all legislated components of a coordinated school health program and daily physical activity.
5. **N** Moderate to strong city smoking ordinances is in place.
6. **M** CPR classes are available.
7. **P** A plan is in place to reduce disparities in CVD and stroke.
8. **M** Defibrillators (Manual and/or Automated External) are available.
9. **P** Stroke is treated as a medical emergency in the community and appropriate acute stroke treatment protocols are in place.
10. **M** Health Sites in the Community Promote Primary and Secondary Prevention of CVD and Stroke.

<sup>1</sup> 2001-2006 Texas Behavioral Risk Factor Surveillance System, Statewide BRFSS Survey, for Respondents 18 years and older who report that they have been diagnosed with high Blood Pressure, but not during pregnancy; Respondents 18 years and older who report that they have been diagnosed with high Blood Cholesterol; Respondents 18 years and older who report that they have been diagnosed with Diabetes. Does not include gestational diabetes

\* Sample size less than 50.